



IFW16

RAW SEQUENCE LISTING

DATE: 10/07/2004

PATENT APPLICATION: US/10/031,387

TIME: 13:34:25

Input Set : A:\67074-310892%20sequence%20listing

Output Set: N:\CRF4\10072004\J031387.raw

3 <110> APPLICANT: Beynon, Robert J.
 4 Hurst, Jane L.
 5 Robertson, Duncan H.L.
 7 <120> TITLE OF INVENTION: Rodent Detection
 9 <130> FILE REFERENCE: 67074-310892
 11 <140> CURRENT APPLICATION NUMBER: 10/031,387
 12 <141> CURRENT FILING DATE: 2002-05-06
 14 <150> PRIOR APPLICATION NUMBER: PCT/GB00/02892
 15 <151> PRIOR FILING DATE: 2000-07-27
 17 <150> PRIOR APPLICATION NUMBER: GB 9917796.6
 18 <151> PRIOR FILING DATE: 1999-07-30
 20 <160> NUMBER OF SEQ ID NOS: 4
 22 <170> SOFTWARE: PatentIn version 3.2
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 180
 26 <212> TYPE: PRT
 27 <213> ORGANISM: Mus musculus
 29 <400> SEQUENCE: 1
 31 Met Lys Met Leu Leu Leu Leu Cys Leu Gly Leu Thr Leu Val Cys Val
 32 1 5 10 15
 35 His Ala Glu Glu Ala Ser Ser Thr Gly Arg Asn Phe Asn Val Glu Lys
 36 20 25 30
 39 Ile Asn Gly Glu Trp His Thr Ile Ile Leu Ala Ser Asp Lys Arg Glu
 40 35 40 45
 43 Lys Ile Glu Asp Asn Gly Asn Phe Arg Leu Phe Leu Glu Gln Ile His
 44 50 55 60
 47 Val Leu Glu Asn Ser Leu Val Leu Lys Phe His Thr Val Arg Asp Glu
 48 65 70 75 80
 51 Glu Cys Ser Glu Leu Ser Met Val Ala Asp Lys Thr Glu Lys Ala Gly
 52 85 90 95
 55 Glu Tyr Ser Val Thr Tyr Asp Gly Phe Asn Thr Phe Thr Ile Pro Lys
 56 100 105 110
 59 Thr Asp Tyr Asp Asn Phe Leu Met Ala His Leu Ile Asn Glu Lys Asp
 60 115 120 125
 63 Gly Glu Thr Phe Gln Leu Met Gly Leu Tyr Gly Arg Glu Pro Asp Leu
 64 130 135 140
 67 Met Ser Asp Ile Lys Glu Arg Phe Ala Gln Leu Cys Glu Glu His Gly
 68 145 150 155 160
 71 Ile Leu Arg Glu Asn Ile Ile Asp Leu Ser Asn Ala Asn Arg Cys Leu
 72 165 170 175
 75 Gln Ala Arg Glu
 76 180
 79 <210> SEQ ID NO: 2

RAW SEQUENCE LISTING

DATE: 10/07/2004

PATENT APPLICATION: US/10/031,387

TIME: 13:34:25

Input Set : A:\67074-310892%20sequence%20listing

Output Set: N:\CRF4\10072004\J031387.raw

80 <211> LENGTH: 180

81 <212> TYPE: PRT

82 <213> ORGANISM: Mus musculus

84 <400> SEQUENCE: 2

```

86 Met Lys Met Leu Leu Leu Cys Leu Gly Leu Thr Leu Val Cys Val
87 1          5          10          15
90 His Ala Glu Glu Ala Ser Ser Thr Gly Arg Asn Phe Asn Val Glu Lys
91          20          25          30
94 Ile Asn Gly Glu Trp His Thr Ile Ile Leu Ala Ser Asp Lys Arg Glu
95          35          40          45
98 Lys Ile Glu Asp Asn Gly Asn Phe Arg Leu Phe Leu Glu Gln Ile His
99          50          55          60
102 Val Leu Glu Asn Ser Leu Val Leu Lys Phe His Thr Val Arg Asp Glu
103 65          70          75          80
106 Glu Cys Ser Glu Leu Ser Met Val Ala Asp Lys Thr Glu Lys Ala Gly
107          85          90          95
110 Glu Tyr Ser Val Thr Tyr Asp Gly Phe Asn Thr Phe Thr Ile Pro Lys
111          100          105          110
114 Thr Asp Tyr Asp Asn Phe Leu Met Ala His Leu Ile Asn Glu Lys Asp
115          115          120          125
118 Gly Glu Thr Phe Gln Leu Met Gly Leu Tyr Gly Arg Glu Pro Asp Leu
119          130          135          140
122 Ser Ser Asp Ile Lys Glu Arg Phe Ala Gln Leu Cys Glu Lys His Gly
123 145          150          155          160
126 Ile Leu Arg Glu Asn Ile Ile Asp Leu Ser Asn Ala Asn Arg Cys Leu
127          165          170          175
130 Gln Ala Arg Glu
131          180

```

134 <210> SEQ ID NO: 3

135 <211> LENGTH: 180

136 <212> TYPE: PRT

137 <213> ORGANISM: Mus musculus

139 <400> SEQUENCE: 3

```

141 Met Lys Met Leu Leu Leu Leu Cys Leu Gly Leu Thr Leu Val Cys Val
142 1          5          10          15
145 His Ala Glu Glu Ala Ser Ser Thr Gly Arg Asn Phe Asn Val Glu Lys
146          20          25          30
149 Ile Asn Gly Glu Trp His Thr Ile Ile Leu Ala Ser Asp Lys Arg Glu
150          35          40          45
153 Lys Ile Glu Asp Asn Gly Asn Phe Arg Leu Phe Leu Glu Gln Ile His
154          50          55          60
157 Val Leu Glu Lys Ser Leu Val Leu Lys Phe His Thr Val Arg Asp Glu
158 65          70          75          80
161 Glu Cys Ser Glu Leu Ser Met Val Ala Asp Lys Thr Glu Lys Ala Gly
162          85          90          95
165 Glu Tyr Ser Val Thr Tyr Asp Gly Phe Asn Thr Phe Thr Ile Pro Lys
166          100          105          110
169 Thr Asp Tyr Asp Asn Phe Leu Met Ala His Leu Ile Asn Glu Lys Asp
170          115          120          125

```

RAW SEQUENCE LISTING

DATE: 10/07/2004

PATENT APPLICATION: US/10/031,387

TIME: 13:34:25

Input Set : A:\67074-310892%20sequence%20listing

Output Set: N:\CRF4\10072004\J031387.raw

```

173 Gly Glu Thr Phe Gln Leu Met Gly Leu Tyr Gly Arg Glu Pro Asp Leu
174      130      135      140
177 Ser Ser Asp Ile Lys Glu Arg Phe Ala Lys Leu Cys Glu Glu His Gly
178 145      150      155      160
181 Ile Leu Arg Glu Asn Ile Ile Asp Leu Ser Asn Ala Asn Arg Cys Leu
182      165      170      175
185 Gln Ala Arg Glu
186      180
189 <210> SEQ ID NO: 4
190 <211> LENGTH: 180
191 <212> TYPE: PRT
192 <213> ORGANISM: Mus musculus
194 <400> SEQUENCE: 4
196 Met Lys Met Leu Leu Leu Leu Cys Leu Gly Leu Thr Leu Val Cys Val
197 1      5      10      15
200 His Ala Glu Glu Ala Ser Ser Thr Gly Arg Asn Phe Asn Val Glu Lys
201      20      25      30
204 Ile Asn Gly Glu Trp His Thr Ile Ile Leu Ala Ser Asp Lys Arg Glu
205      35      40      45
208 Lys Ile Glu Asp Asn Gly Asn Phe Arg Leu Phe Leu Glu Gln Ile His
209      50      55      60
212 Val Leu Glu Asn Ser Leu Val Leu Lys Phe His Thr Val Arg Asp Glu
213 65      70      75      80
216 Glu Cys Ser Glu Leu Ser Met Val Ala Asp Lys Thr Glu Lys Ala Gly
217      85      90      95
220 Glu Tyr Ser Val Thr Tyr Asp Gly Phe Asn Thr Phe Thr Ile Pro Lys
221      100      105      110
224 Thr Asp Tyr Asp Asn Phe Leu Met Ala His Leu Ile Asn Glu Lys Asp
225      115      120      125
228 Gly Glu Thr Phe Gln Leu Met Gly Leu Tyr Gly Arg Glu Pro Asp Leu
229      130      135      140
232 Met Ser Asp Ile Lys Glu Arg Phe Ala Gln Leu Cys Glu Glu His Gly
233 145      150      155      160
236 Ile Leu Arg Glu Asn Ile Ile Asp Leu Ser Asn Ala Asn Arg Cys Leu
237      165      170      175
240 Gln Ala Arg Glu
241      180

```

VERIFICATION SUMMARY

DATE: 10/07/2004

PATENT APPLICATION: US/10/031,387

TIME: 13:34:26

Input Set : A:\67074-310892%20sequence%20listing

Output Set: N:\CRF4\10072004\J031387.raw